



Southern Clay Products, Inc.
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MINERAL COLLOID® BP

RHEOLOGICAL ADDITIVE FOR WATERBASED PAINTS AND COATINGS

General Description:

Mineral Colloid BP is a high purity montmorillonite refined from carefully selected natural bentonite. The unique characteristics, consistent properties and high purity are made possible by our statistically controlled processing.

Uses and Advantages:

- Mineral Colloid BP exhibits excellent thixotropic properties , enhancing suspension, stability and viscosity control
- The use of Mineral Colloid BP increases sag resistance and reduces syneresis and settling.
- Mineral Colloid BP is totally inorganic and therefore not susceptible to enzyme attack.
- Mineral Colloid BP is not affected by high shear or high temperatures during manufacturing. Mineral Colloid BP can be sheared repeatedly.
- The type of rheology Mineral Colloid BP exhibits lends itself to excellent spray atomization.
- Low levels of Mineral Colloid BP are needed in a paint system because of its high gel strength.

Thixotrope Comparisons Based On Similar Costs

Interior High Quality Latex Wall Paint

THIXOTROPE	AMOUNT USED	STORMER KU	LENETA SAG	SYNERESIS*	BROOKFIELD, CPS		
					1 RPM	10 RPM	100 RPM
MINERAL COLLOID BP	6#/100 GAL.	114	22	<1.0%	166,000	29,800	4,450
NATROSOL 250 MHBR	3#/100 GAL.	83	16	1.0%	23,400	4,420	1,123
CELLOSIZER ER4400	3#/100 GAL.		95	14 1.0%		79,200	13,400 2,204

*10 DAYS AT 120 F

Each of the Paints Contains 8 lbs. per 100 Gallons Acrysol RM5.

For additional information or technical assistance contact Southern Clay Products, Inc. toll free at 800-324-2891.

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